Attorney's Docket: <u>2000DE442</u> Serial No.: <u>N/A</u>

Art Unit N/A
Preliminary Amendment

This listing of claims will replace all prior versions, and listings of claims in the application:

1.(Currently Amended) A quaternary ammonium composition <u>consisting</u>
 essentially consisting of

a) a cationic compound with general formula:

$$R_1 - N - R_4 - R_4 - R_3$$

wherein R_1 is C_8 - C_{22} -alkyl, C_8 - C_{22} -alkenyl, C_8 - C_{22} -alkylamidopropyl, C_8 - C_{22} -alkenyl-amidopropyl, C_8 - C_{22} -alkyl/alkenyl(poly)alkoxyalkyl, C_8 - C_{22} -alkanoylethyl or C_8 - C_{22} -alkenoylethyl, R_2 , R_3 and R_4 are C_1 - C_{22} -alkyl, C_2 - C_{22} -alkenyl or a group of the formula -A-(OA)_n-OH, A is - C_2 H₄- and/or - C_3 H₆-, n is a number from 0 to 20 and X is an anion,

- b) less than 20 % by weight of water based on said composition and
- a non-ionic solvent selected from the group consisting of [[as a solvent there may be used the following ones,]]

 an alcohol or an ethoxylated alcohol with the general formula R-O-(AO)_nH,
 where R is alkyl or alkenyl group containing 8 to 22 carbon atoms, A is C₂H₄

 [[and/or]] or C₃H₆ and mixtures thereof, and n is a number from 0 to 20,
 nonylphenol or ethoxylated nonylphenol with the general formula C₉H₁₉phenyl-O-(AO)_nH, where A and n are as defined above, and mixtures thereof
 which composition is characterized in that it contains less than 20 % by
 weight of water.

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2.(Currently Amended) Composition, according to The composition of claim 1, which contains 5 to 60 % by weight of the cationic compound a).

- 3.(Currently Amended) Composition, according to The composition of claim 1, wherein the cationic compound a) is an C_8 - C_{22} -alkyl or C_8 - C_{22} -alkenyl-dimethyl-hydroxyethyl ammonium.
- 4.(Currently Amended) Composition, according to The composition of claim 1, which has 40 to 95 % by weight of the [[non ionic]] non-ionic solvent c).
- 5.(Currently Amended) Composition, according to The composition of claim 1, which has less than 5% of by-products.
- 6.(Currently Amended) Composition, according to The composition of claim 1, which the non-ionic non-ionic solvent is selected from the group consisting of an ethoxylated fatty alcohol, a fatty alcohol, a polyethylene glycol, a polypropylene glycol, a block co-polymer of ethylene and propylene, a nonylphenol, a ethoxylated nonylphenol, and a mixture thereof or a mix of these compounds.
- 7.(Currently Amended) A process for preparing a composition as claimed in claim 1 wherein R_4 in the compound a) is defined as C_1 - C_{22} -alkyl or C_2 - C_{22} -alkenyl, which process consists in said process comprising: reacting an amine of the formula

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$$R_1 - N \\ R_3 - R_3$$

wherein R₁, R₂ and R₃ are

 R_1 is C_8 - C_{22} -alkyl, C_8 - C_{22} -alkenyl, C_8 - C_{22} -alkylamidopropyl, C_8 - C_{22} -alkenyl-amidopropyl, C_8 - C_{22} -alkyl/alkenyl(poly)alkoxyalkyl, C_8 - C_{22} -alkanoylethyl or C_8 - C_{22} -alkenyl-alkenylethyl, R_2 and R_3 are C_1 - C_{22} -alkyl, C_2 - C_{22} -alkenyl or a group of the formula -A- $(OA)_n$ -OH, wherein A is $-C_2H_4$ - or $-C_3H_6$ -, or a mixture thereof, and n is a number from 0 to 20

as defined above with a halo alkyl or halo alkenyl of the formula R_4 -X wherein R_4 is C_1 - C_{22} -alkyl or C_2 - C_{22} -alkenyl and X is chlorine or bromine in the presence of <u>said</u> [[a]] non-ionic solvent c) as defined in claim 1.

8.(Currently Amended) A process for preparing a composition as claimed in claim 1 wherein R_4 in the cationic compound a) is defined as a group of the formula - A-(OA)_nOH wherein A is $-C_2H_4$ - or $-C_3H_6$ -, or a mixture thereof, and n is a number from 0 to 20. A and n are as defined in claim 1, which process consists of said process comprising:

reacting an amine of the formula

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$$R_1 - N \\ R_3 - R_3$$

wherein R_1 is C_8 - C_{22} -alkyl, C_8 - C_{22} -alkenyl, C_8 - C_{22} -alkylamidopropyl, C_8 - C_{22} -alkenyl-amidopropyl, C_8 - C_{22} -alkyl/alkenyl(poly)alkoxyalkyl, C_8 - C_{22} -alkanoylethyl or C_8 - C_{22} -alkenyl-alkenylethyl, R_2 and R_3 are C_1 - C_{22} -alkyl, C_2 - C_{22} -alkenyl or a group of the formula -A-(OA)_n-OH, wherein A is $-C_2H_4$ - or $-C_3H_6$ -, or a mixture thereof, and n is a number from 0 to 20

with an inorganic monohalo [[halo]] acid and than reacting the ammonium salt thus obtained with ethylene oxide and/or propylene oxide.

9.(Currently Amended) Process according to The process of claim 7 [[or 8]], wherein the amine is C_8 - C_{22} -alkyl or C_8 - C_{22} -alkenyl-dimethyl amine, or mixtures thereof.

10.(Currently Amended) Process, according to The process of claim 8, wherein the monohalo acid is aqueous, hydrochloric acid.

11.(Currently Amended) Process, according to The process of claim 8, wherein the ammonium salt is reacted with ethylene oxide.

12.(Currently Amended) Process according to The process of claim 8, wherein the non ionic solvent is Coconut PEG 7.

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13.(Currently Amended) Process according to The process of claim 8, wherein the first step is proceed in a temperature between 20 and 100°C.

14.(Currently Amended) Process according to The process of claim 8, wherein the second step is proceeded in a temperature between 40 and 100°C.

15.(New) The process of claim 8, wherein the amine is $C_8\text{-}C_{22}\text{-alkyl}$

or C₈-C₂₂-alkenyl-dimethyl amine, or mixtures thereof.